



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

**CITATION FOR NONCOMPLIANCE – WATER SYSTEM NO. 3301491  
NO. 05\_63\_16C\_024**

Re: Alpine Village  
System No. 3301491

Date: October 6, 2016

To: Will Lowry  
P.O. Box 1323  
Idyllwild, CA 92549

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit order issued there under.

**VIOLATION**

The Department of Environmental Health (Department), hereby issues a citation to Alpine Village for the following violation:

Title 22 of the California Code of Regulations (CCR), Section 64426.1 (b) (4). Specifically, Alpine Village failed the Total Coliform Maximum Contaminant Level (MCL) during the month of August 2016. For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or any repeat sample is fecal coliform-positive or E.coli-positive; or any repeat sample following a fecal coliform-positive or E.coli-positive routine sample is total coliform-positive.

**CHRONOLOGY OF EVENTS**

This is a community water system with approximately 60 active service connections and 2-3 inactive connections (empty lots with meters).

There are currently four active sources for this water system and two pressure zones.

The Community Well (3301491-003) is a primary source.

This well is 300' deep with an 8" casing and a 5 hp submersible pump. The Community Well pumps to a 1,250 gallon pressure tank located near the well then into the lower distribution system. This well pumps ~45 gpm. The Community Well became a primary source in

February 2011 after a new section of distribution line was added in 2009/2010 (Plans were approved on 9/16/09). The well is metered.

**Well A (3301491-001)**

Well A is 550' deep with a 5 hp submersible pump. Well A delivers water into the upper distribution system and can fill the new 83,592 gallon tank. Well A pumps ~15-20 gpm. This well is metered.

**Well #1 (3301491-002)**

Well #1 is 660' deep with a 5 hp submersible pump. Well #1 pumps directly to the 150,000 gallon gravity storage tank and then into the distribution system. This well is metered.

**Well #2 Asbestos Mtn. (3301491-004)**

It runs off a generator because electrical power is not available. Well #2 is ~500' deep with a 5 hp submersible pump. Well #2 is metered and pumps directly to the new 83,592 gallon bolted steel tank. This well pumps ~20-40 gpm. This well is metered. Well #2 was put online in August 2015. Due to the elevated uranium levels at Well #2, public notices were sent out in August 2015 and November 2015. The well recently exceeded the MCL for uranium due to the running annual average.

**There is a booster pump**

The capacity of the pump is approximately 20 gpm. This booster pump currently operates ~3-4 days per month. There is also a booster station located near the Geneva Wells. This booster system pumps from the lower pressure zone (which is supplied by the Community Well) and utilizes a 800 gallon gravity tank that acts as a forebay for the booster pump that supplies the middle pressure zone.

There is a 150,000 gallon gravity storage tank, a new 83,592 gallon bolted steel tank and a ~4000 gallon NSF 61 Polyethylene tank. The new 83,592 gallon tank installation was completed in June 2015. The new 83,592 gallon tank replaced the 4000 gallon poly tank. There is a tentative plan to move the 4000 gallon poly tank down to the Geneva booster station to replace the existing 800 gallon forebay tank.

**Recent History:**

On August 22, 2016, Jim McClain, co-owner of Alpine Village, collected the monthly routine bacteria sample from McClain residence hose bib. The laboratory notified Will Lowry, certified water operator and co-owner of Alpine Village, on August 23, 2016, with the following results: McClain sample was total coliform present/E.coli absent. The water system was chlorinated and flushed. On August 25, 2016, McClain collected 4 resamples including the two wells that were online during this time: McClain, Downing, Andrus, Well #2 and Community Well. The laboratory notified McClain on August 26, 2016 with the following results: McClain sample and Community Well were total coliform present/E.coli absent. Downing, Andrus and Well #2 were total coliform absent.

After chlorinating and flushing the system, McClain resampled the McClain location on August 31, 2016. The result was total coliform absent. The Department was informed that the Community Well was out of service due to either the pump motor or relay switch. After a service call on the Community Well, it was determined that the well needed a new motor. A new

motor was subsequently installed. The well was chlorinated, flushed and resampled on September 6, 2016. The result was absent for total coliform bacteria.

As per the Federal Revised Total Coliform Rule, a Level 1 Assessment was triggered after the August 25, 2016, results. It was completed by Jerry Ross on September 23, 2016 and signed by the certified water operator, Will Lowry. The summary attributed the cause of the total coliform results to be sampler error. In addition, four dedicated sampling locations representing both pressure zones were installed after the assessment was completed.

On September 26, 2016, five routine samples were collected: Sample Tap 1, Sample Tap 2, Sample Tap 3, Sample Tap 4 and Downing. All results were absent for total coliform bacteria.

## **DIRECTIVES**

All consumers served by this water system must be notified of this violation, as required in Section 64426.1 (c). A Resolved Tier 2 Notice was issued to Will Lowry on September 27, 2016. According to the Proof of Notification, the Tier 2 Notice was mailed to the water consumers on October 3, 2016.

Update the Bacteriological Sample Siting Plan by October 31, 2016. Provide a copy to this Department.

Your public water system must be maintained so that the total coliform MCL is not violated. Continue to work with your certified water operator to correct and/or prevent reoccurrence of this violation.

The required coliform bacteria follow-up sampling to an unsatisfactory routine sample is described below. This must be completed each and every time that a routine coliform bacteria sampling is unsatisfactory.

1. Within 24 hours of being notified of an unsatisfactory coliform bacteria result by your laboratory, collect four resamples. If you are unable to collect the resamples within 24 hours, contact this Department. Collect the resamples at the sample tap where the unsatisfactory sample was taken, an upstream sample within 5 service connections of the unsatisfactory site, a downstream sample within 5 service connections of the unsatisfactory site, and a sample at the source(s) of water for the distribution system.

All active wells must be sampled. If the direction of flow in the distribution system is not known, or if the distribution system is quite small, contact this Department for guidance.

2. If any of the resamples are unsatisfactory, additional sets of resamples must be taken. Contact this Department for guidance.
3. In the month following the unsatisfactory sample collect five coliform bacteria samples.

## **FURTHER ENFORCEMENT ACTION**

Failure to comply with this notice and/or failure to comply with Title 22 of the California Code of Regulations may result in assessment of administrative penalties. This Department does not waive any further enforcement action by issuance of this citation.

If you have any questions, please contact me at (760) 863-7570.



Jackie Jones, REHS  
Environmental Health Specialist

Certified Mail: 7007 3020 0001 6550 4822

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

### Alpine Village Had Levels of Coliform Bacteria Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 7 samples to test for the presence of coliform bacteria during August 2016. Three of those samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may do so.

#### What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

### **What happened? What was done?**

- The wells and distribution system has been disinfected and additional samples do not show presence of coliform bacteria.

For more information, please contact Will Lowry at (951) 468-4054.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

### **Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Alpine Village.

State Water System ID#: 3301491. Date distributed: \_\_\_\_\_.



# **PROOF OF NOTIFICATION**

NAME OF WATER SYSTEM Alpine Village

WATER SYSTEM NUMBER 3301491

As required by the California Health and Safety Code, this acknowledges that I have notified the users of this water system that the water supplied by Alpine Village had levels of Coliform Bacteria above the Drinking Water Standard which is a violation of the California Safe Drinking Water Standards. The Tier 2 Notice was mailed to the water consumers.

This notification was made using the following method(s);

Verbal, to each customer/connection

Date completed \_\_\_\_\_

Public Posting of Notice

Date completed \_\_\_\_\_

Mail or Hand Delivery of a Written Notice

Date completed 10/3/16

Public Newspaper or Media

Date completed \_\_\_\_\_

Will Lowrey  
Print Name

[Signature]  
Signature of Water System Representative